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ABSTRACT

The invention relates to a risk based testing method. The risk based testing method comprises defining a process or system to be tested, identifying a plurality of risks associated with the process or system, quantifying each of the risks with a risk value, defining a test plan for the process or system, the test plan including a number of test cases, wherein testing of the test cases is prioritized based on the risk value, and executing the test plan. The invention also relates an article of manufacture. The article of manufacture comprises a computer useable medium having computer readable program code means embodied therein for testing a process or a system. The computer readable program code means in the article of manufacture comprises: computer readable program code means for causing the computer to receive and store data identifying a plurality of risks associated with the process or system; computer readable program code means for causing the computer to receive and store a risk value associated with each of the plurality of risks; computer readable program code means for causing the computer to receive and store data defining a test plan for the process or system, the test plan including at least one test case, the at least one test case comprising at least one step; computer readable program code means for causing the computer to receive and store data associating each of the plurality of risks with a step of a test case; and computer readable program code means for causing the computer to generate a report listing the risks in order of the risk value.